GED in 5 months
Online lesson plans for High School Equivalency work

byDestinie Antoinette Jones, aka Shira Destinie Jones,BsCs,MAT, MPhil

(c)2018,2021

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About this book:

This book is a compendium of the lesson plans whichI began creating for my Adult Education classes,in 2018,which included both GED/HiSET exam takers, and High School credit studentsin an independent learning environment for which I was also asked to create a set ofshortmathematics and grammar lectures, four days per week. Ihoped to incorporate a more inclusive set of material for each of the five GED and HiSET topic exams, thus providinga more holistic set of notes that students could draw upon to study for exams on their own. The lesson plans are each included

as a PDF file from the original class day, inside of a blog post setting out a readingtopic and linksto practice sites to facilitate use of the lesson plans (I found that students were often unableto click on theurlsfrom withing the lesson plan PDF, so I begancopying the urls next to the lessonplan url as a work-around).

It is my hope that both learners, educators, andanyone else with an interest in continuing thought or discussion on theimportance of inter-disciplinary learning in our society, will find these lessons interesting, and will share themas widely as possible. To that end, I have made them freely available upon the condition that they not be used in commercial or for-profit uses.

In Service to Humankind,

Shira Destinie Antoinette Jones

Sunday, 7 February, 2021

Lesson Plans, Day 1 - Day 67

Day 1/67 of High School in 5 months, Geo, and Adulting as on-going education - 2021-02-05 13:53

The Four Freedomsmovement starts with empathy building, which both leads to and requires continuous learning. Today's Adult Basic Education vocabulary begins with*Geo*, of Greek origin, meaning*Earth*. (*"Give me a word, any word..."*)
This is a particularly key concept for all of us, who dwell on Earth, to consider regularly, perhaps?
-Lesson Plan fortoday in PDF format, seesyllabus for details.

(Remember that you can always do a harder or easier Khan Academyassignment ...)
Take the Grammar PreTest, and then Go at your own pace after getting 100% right on the quiz of your choice! GrammarBook.com...
***Action Items* to support*Adulting* that we can*all* take right now:**
1.) Consider our responsibility to "promote the general welfare" of society:
2.) Share your thoughts here on how High School education starts that process,
3.) Share your thoughts on how on-going learning, such as learning a language, continues that process, and can also build empathy, and a build a sense of responsibility for helping others learn details like the local laws regarding debt, housing, and local resources for the under-served, like ProBono legal aid.
Dear Readers, any additional ideas toward*learning,* especially*multiple #LanguageLearning as part of on-going education* and*empathy-building*, to #EndPoverty, #EndHomelessness, #EndMoneyBail & achieve freedom for AllHumanKind?
Support our key#PublicDomainInfrastructure & #StopSmoking for CCOVID-19Read,Write -one can add Stayed on Freedom's Call via this GR button:
,Ranked Choice Voting and Housing for ALL!!,Teach and Learn (Lesson Plans)
Yassas, ια ας!!
ShiraDest
December: 2020 CE =12020 HE
(Day67 lesson plan and activities: last, and next:Day 2 Lesson...)

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Turkish TuesDay 2/67 of 5 month GED, Adulting, and the Nile - 2021-02-05 14:03

The Four Freedomsmovement starts with empathy building, which both leads to and requires continuous learning. Today's question is about the Nile:

how do you imagine that you would you feel about the river, if you were an Ancient Egyptian?

This is a particularly key concept for all of us who live near water, or nowhere near water, to consider regularly because, how do we know if there is or isn't enough of it (as someone in Fresno, CA asked me recently:*why does it not look like we have a water shortage...*)?

Lesson Plan forDay 2, of 67 Days in PDF format, seesyllabus for details.

Verb Tenses: To Be
Khan Academy verb tense practice
Number Line and Subtraction
Khan Academy: Greater Than/Less Than
2ndDayExitSlips
...

***Action Items* for*Adulting* that we can take right now:**

1.) Consider our responsibility to give back to the community:
2.) Share your thoughts here on how education helps that process,
3.) Share your thoughts on how you might feel if you lived near the Nile, if you can remember back 4000 years ago.

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2021 CE =12021 HE
(Day 1 ...Day 3)

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Greek counting on Wonderful WednesDay 3/67: 5 month GED, and Adulting as creative problem solving - 2021-02-05 14:03

Learning to solve problems, which I think is the essence of*Adulting*, begins at an early age and continues to count for a lifetime. Today's lesson poses a question:*What numbers did the ancient Greeks use for counting*?
That question was meant to raise the problem of counting non-discrete quantities before Arabic numerals came to Europe (from India). The problem itself was meant to introduce the concept of using mind-maps as a tool to begin the problem-solving process.
Here is the lesson plan for Day 3, of 67:

Day 3 LessonPlan
Khan Academy conjunctions practice
Interactive lie/lay quiz
_Khan Academy LCM practice
33×33Times Table Chart helps,33MultTable especially if you write it by hand!! 3rdDayExitSlips

***Action Items*:**

1.) What algorithm do you follow to solve complex problems?
2.) Do you track possible solutions as they fail and as they begin to work?
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(Day 2 …Day 4…)

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From ShiraDest: Thoughtful ThursDay 4/67: GED in 5 months, and context – Ranger Mayann (2021-02-04 12:30:04)
[…] (Day 3 … Day 5…) […]

Thoughtful ThursDay 4/67: GED in 5 months, and context - 2021-02-05 14:04

As healthy adults, do we always make sure to look at the full*context* of a given situation, comment, or quotation, when we make judgements about things we hear, or even see?
Learning to take the context of a situation into account, much like*figuring out the meaning of a word based on the context* of the words around it, is part of education, and part of continuous Adulting Education also, as we all remember this important practice.
Here is the*lesson plan for Day 4*, of 67: (Week 2 of 18 weeks...),*in which we looked at a bit of the context surrounding Cesar's crossing of the Rubicon...*
Day 4 Lesson Plan, of 67 days
Khan Academy Subj Obj
practicePRONOUNsPgs1to4Khan Academy Prime Fact.FactorsPrimePg1n2
optional Fun ExtraSolving Mult
Story Problems
Day4ExitSlips

***Action Items*:**

1.) What, if you recall, was the context in which Cesar took his troops into Rome?
2.) How would the bringing of his troops from Gaul into Rome have seemed to you, in the overall context of the Roman Republic's expanding territories and conflicts, and in light of the fact that that action was illegal?
Dear Readers, any additional ideas toward*learning,* especially*multiple #LanguageLearning as part of on-going education* and*empathy-building*, to

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(Day 3 ...Day 5...)

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Day 5 of GED in 5 months, libraries, and La Convivencia! - 2021-02-05 14:06

Libraries are one of the greatest legacies of theConvivencia (remember that cooperation, in Muslim Spain, of Jewish, Christian and Islamic scholars, that gave Europe books again?), and one of the key parts of Phase I of the Four Freedomsmovement.
Day 5 Lesson Plan
Khan Academy Indefinite PronounsInteractive Indefinite Pronouns Worksheet OnlineIndefPronouns Prntable WrksheetWoutAnsIndefPronouns Printable WksheetAnswersKhan Academy Basic Adding negative integersBasicNegativeIntegersJustPg1Day5 ExitSlips

***Action Items*:**

1.) Search your local public library's online catalogue for books on La Convivencia.

2.) Share them with us in the comments, here, please.
3.) Share your thoughts on what La Convivencia was, and what it might have been like to live in Al Andalus at that time,
4.) Write a book, story, blog post or tweet that uses those thoughts, and please[tell us about it!](#) If you write a book, once it is published please consider donating a copy to your local public library.
Dear Readers, ideas on*learning,* especially*multiple #LanguageLearning, on-going education* and*empathy-building*, to #EndPoverty, #EndHomelessness, #EndMoneyBail & achieve freedom for All[HumanKind](#)?
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([Day 4](#) ...[Day 6](#))

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From ShiraDest: Thoughtful ThursDay 4/67: GED in 5 months, and context – Ranger Mayann (2021-02-04 12:30:07)
[...] (Day 3 ... Day 5...) [...]

Day 6 of GED in 5 months, serfs vs. slaves - 2021-02-05 14:06

Adulting **is about getting better and better at distinguishing fine details, and understanding why those details are important. One of the key details of Phase I of the Four Freedomsmovement is the*Adultingskill* of finding information on local laws that affect your status, like a serf being free after one year and a day in a city.**
What, if you can remember (or ever learned), is the difference between a serf and a slave?
Day 6 Lesson Plan:
Khan Academy
that/which, who/whom
Khan Academy fractions , Day 1 of 3Day 6 ExitSlips

***Action Items*:**

1.) Search your local public library's online catalogue for books on the European Middle Ages.
2.) Share them with us in the comments, here, please.
3.) Share your thoughts on what serfdom was, and what it might have been like to live in Europe as a serf at that time, and how it was different from being a slave.
4.) Write a book, story, blog post or tweet that uses those thoughts, and pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library.
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(Day 5 ...Day 7)

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Day 7 of GED in 5 months, Adulting, SD Promise, and the Zapotecs - 2021-02-05 14:07

***Adulting* is taking responsibility for ourselves and for our society, where we live in a Republic that both allows us much freedom and thus, requires of us much responsibility. Part of that responsibility is helping others in society learn and help others. The Four Freedomsmovement advocates one possible program, starting with free schooling and more funding for programs like theSan Diego Promise program, to which graduates of Continuing Education and Adult High School Equivalency programs can aspire.**
Let's help each other!
Updated syllabus
Day 7 Lesson Plan except for the Reading Passage
Day 7Reading Passage2nd Edition...)

> ***"By 500 BCE, the Zapotec people were developing an advanced society in what is now the southern Mexican state of Oaxoca. This civilization developed early forms of hieroglyphic writing adn a***

calendar system. the Zapotec built complex cities and are considered the first city builders in the Americas. the first true urban center in teh Americas was the Zapotec city of Monte Alban…"

Where are the grammatical errors in this passage?

Khan Academy Using modifiers: Adverbs vs. Adjectives
Khan Academy fractions practice, Day 2 of 3
Day7exitSlips
***Action Items*:**
1.) Is there a program for free community college in your area?
2.) Did you know about the Zapotecs (I didn't, until I taught this unit!)?
3.) Write a book, story, blog post or tweet that uses those thoughts, and please tell us about it! If you write a book, once it is published please consider donating a copy to your local public library.
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December, 2020 CE = December12020 HE
(Day 6 ...Day 8)

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Day 8 Lesson Plan, High School in 5 Months: Library Apps, and San Diego Futures Foundation - 2021-02-05 14:07

Day 8 Lesson Plan as a PDF fileKhan Academy activity: subtracting fractions with unlike denominators
Day8ExitSlips
Remember that the San Diego Public Library has an App for mobiles that allows those with a SDPL libray card to place books on hold, search for books, etc. The SDPL also allows patrons to have two hours of free internet on library computers each day.
If you need a low-cost laptop, theSan Diego Futures Foundation may be able to help.
(Day 7 ...Day 9)

Day 9 of GED in 5 months, salt, trade, and transit - 2021-02-05 14:21

So, if salt is so important, how did they get it from one place to another before we had trains? One of the key details of Phase I of the Four Freedomsmovement is public transportation, as important back in time as today, right?
Day 9 Lesson PlanKhan Academy Comparative and superlative adjectives and adverbsoptional extra GrammarBook.com activity: Comparatives & SuperlativesKhan Academy Multiplying

FractionsKhan Academy fractions-decimalsDay 9 ExitSlips

***Action Items*:**

1.) Why is salt important, biologically?
2.) Why was salt traded from place to place?
3.) Share your thoughts on whether salt supplies could have influenced wars.
4.) Write a book, story, blog post or tweet that uses those thoughts, and pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library.
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(Day 8 ...Day 10)

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Day 10 of GED in 5 months, salty evidence, and librarians! - 2021-02-05 14:49

So, if salt is so important, then how would you find evidence that salt is important? For that matter, how would you find evidence that the Crusades really happened? Ask your favorite reference librarian, perhaps, at your local public library branch? One of the key parts of our democracy, and of Phase I of the Four Freedomsmovement is libraries, right?
(Is it time to eat a donut, yet, for Chanukah?)
Day 10 Lesson PlanGrammar activity (fewer vs. less):Khan Academy activity: Order of Operationspowers of 10Day 10 ExitSlips

***Action Items*:**

1.) Why is salt important, and how do we know this?
2.) Was salt involved in the Crusades?
3.) Share your thoughts on whether trade and resources, or the lack thereof, could have influenced wars.
4.) Write a book, story, blog post or tweet that uses those thoughts, and pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library.
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Salut !
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January, 2021 CE = January12021 HE
(Day 9 ...Day 11)

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Day 11 of High School in Five Months, Perspectives, and libraries - 2021-02-05 14:50

Books, film, and other forms of media, like comic books, aka graphic novels, and music can all help us see the world from a new perspective. Books and other works that are in the public domain are made accessible by volunteer libraries, like the one compiled by LibriVox, or Project Gutenberg. Libraries of various kinds are one of the key parts of our democracy, and therefore, of Phase I of the Four Freedomsmovement :
(Is it time to hunt down another donut, yet, for Chanukah?)
Day 11 Lesson PlanKhan Academy practice activity on intensifiers and adverbs of degreeKhan Academy Subject-Verb agreement if you need more practiceoptional Khan Academy reading:Perspectives (Hunters vs. Farmers)
Khan Academy activity on Dividing by 10, 100, 1000
Day11 ExitSlips

***Action Items*:**

1.) Download some public domain version of a classic book, or grab your favorite version of the The Arabian Nights (yes, I know: the1001 Nights was by Frenchman Antoine Galland, who made up a few stories and inserted them into older Arabic and Persian stories that may have come from India, but

still…) or any other story, in an original language, if possible!
2.) Read a page,
3.) Share your thoughts on that page
4.) Write a book, story, blog post or tweet that uses those thoughts, and please[tell us about it!](#) If you write a book, once it is published please consider donating a copy to your local public library.
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([Day 10](#) …[Day 12](#))

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Day 12 of High School in Five Months, medieval pulmonary circulation, and modern health care - 2021-02-05 14:50

Health care is a summation of both the knowledge of the human body, and the tools, like the place holder 'Zero,' that give us ways to describe that knowledge. The cooperation which re-started

Europe's learning is the same cooperation that any democracymovement must teach:
(Have we had more than zero percent sufganiot?)
Day 12 Lesson PlanGrammar online worksheetMath online worksheetDay12ExitSlips

***Action Items*:**

1.) Find three different sources describing the Islamic advances of health and mathematics during the medieval period (four, if you use the source cited in today's lesson plan...),
2.) Share your findings with us, and
3.) Write a book, story, blog post or tweet that uses those findings, and then, pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library.
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January, 2021 CE = January12021 HE
(Day 11 ...Day 13)

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Day 13 of High School in Five Months, fact versus opinion, Adulting, and how far have we really sailed? - 2021-02-05 14:50

Adulting includes distinguishing fact from opinion. Doesn't that including distinguishing discovery from appropriation, and deciding in what ratio or proportion those two may or may not collide? Every citizen and any freedommovement must take up those questions, no?
(What is the ratio of sufganiot to other food, this week?)
Day 13 Lesson PlanGrammar online worksheetKhan Academy Basic ratios online worksheetDay13ExitSlips

***Action Items*:**

1.) Find three different sources describing the discovery of the Americas (four, if you use the source cited in today's lesson plan...),
2.) Share your findings with us, and
3.) Write a book, story, blog post or tweet that uses those findings, and then, pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library.
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Day 14 of High School in Five Months, Arabic Numerals, and mass transit? - 2021-02-05 14:53

Could we have transportation, public or otherwise, without a numbering system that allows us to calculate precise locations? Decimal numbers, based on Arabic numerals, give us both precision and the ability, thanks to our*positional numeral system*, to express any number in fairly limited space (just try writing 10 billion in Roman Numerals!). Our numbers, or rather, the symbols that we use to represent numbers, come from India via the Arabs, during the Middle Ages ("...up to the end of the fifteenth century"). Any advocate for a democraticmovement must both learn and share an understanding of number as system and statistic(s), for democracy to work well (there is also a need for good mass transit used by the middle classes, for a democracy to work well, but that is for another post, if you'd like):
(Have we had more than 0.0 sufganiot, yet? -Happy Chanukah, everybody!!)
Day14/67 Lesson PlanGrammar online worksheets to choose from easy/medium/hard, Khan AcademyEstimating online worksheet, Part 1Khan Academy online worksheet for Estimating, part 2Day14ExitSlips

***Action Items*:**

1.) Find three different sources describing the source of our current numbering system/symbols,
2.) Share your findings with us, and, if you are more curious, tell us whether the Maya, the Aztec, or the Inca had a*positional numeral system*.
3.) Write a book, story, blog post or tweet that uses those findings, and then, pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library.
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Day 15 of High School in Five Months, conversions, and Adulting Ed. - 2021-02-05 14:53

If we continue to expand the term "adulting" to include equivalencies and understanding how to

determine those equivalencies, be they mathematical or rhetorical, we see Adulting Education as an essential part of any democratic educationalmovement:
Day 15 Lesson PlanGrammar: Ending a Sentence…
Math: US measurement conversionsDay15ExitSlips

***Action Items*:**

1.) How would you explain or define, for someone who has never heard the word, a tautology?
2.) Share your ideas with us, and
3.) Write a book, story, blog post or tweet that uses one of the ideas, and then, pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library.
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Day 16 of High School in Five Months, sourcing, and Adulting Ed. vs. Libraries - 2021-02-05 14:54

If we continue to expand the term "adulting" to include understanding how to determine the original source of key arguments, we see libraries (and especially Reference Librarians...) as fundamental to both Adulting Education any democratic citizenshipmovement:
Day 16 Lesson PlanWhat is a Proper Noun? ("A proper noun is the name of a particular person, place, organization, or thing. Proper nouns begin with a capital letter. Examples are 'Peggy,' 'Tucson,' and 'the United Nations.'")Capitalizing, Pt. 1, online activityUsing Multiplication Tables for Exponents: Perfect Squares DiagonalKhan Academy Intro to Exponents online worksheet
Day 16 Exit Question slips

***Action Items*:**

1.) Sourcing information: What might Pro-bono lawyers and the Public Library have in common?
2.) Share your ideas with us, and
3.) Write a book, story, blog post or tweet that uses one of the ideas, and then, pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library.
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Day 17 of High School in 5 months, Djinn Gold, and InterLibrary Loan - 2021-02-05 14:54

The Djinni's Offer: (below...)
Day 17 of 67, Lesson Plan
Caps, Part 2 online worksheet
Finish Filling in Yourself: Multiplication Tables for Perfect Squares Diagonal
Khan Academy continuing Exponents online worksheet
Day 17 ExitSlips
(And an easy review of yesterday's introduction to exponents...)
In our*Learning Toolbox*San Diego Public Library system (*was there a public library in 1838?*(1. ordering books, 2. InterLibrary Loan, 3. Reference Librarians)
With a classmate, work together for 7 minutes to take a crack at:

The Djinni's Offer:

.
***Action Items* in support of literacy (and Gold!) that you can take right now:**
1.) Download some public domain version of a classic story about djinn,
2.) Bet a week's worth of dish-washing with some friends that you'll have more gold after 30 days than

they could ask for in one lump sum from the tricky Djinni!
3.) Share how the bet went: who's washing dishes?
4.) Write a novel that references a classic book,tells a good story, andmakes a difference. I'm working on that through my historical fantasy#WiP, #WhoByFireIWill. Once published, donate one or more copies to your local public library, as I intend to do.
Other ideas welcome on how to #EndPoverty, #EndHomelessness, & #EndMoneyBail, starting with improving these four parts of our good #PublicDomainInfrastructure:
1. #libraries,
2. #ProBono legal aid and Education,
3. #UniversalHealthCare, and
4. good #publictransport
Read,Write,Ranked Choice Voting and Housing for ALL!!!!,Walk !
#PublicDomainInfrastructure #StopSmoking for CCOVID-19
ShiraDest
(Day 16 ...Day 18)

Day 18 of High School in Five Months, radicals, and health care (or the lack thereof...) - 2021-02-05 14:55

Health care, as a look at New Zealand, Canada, or any European Union country will attest, is a crucial part of the infrastructure of anydemocratic nation. So, universal health care is not so very radical an idea, unlike exponents, which are indeed, quite radical. In the inverse.
Day 18 Lesson planCapitalizing (Use CHROME browser for this site)Exponents, part 2The Radical

Square Root!!Day 18 ExitSlips

***Action Items*:**

1.) Sourcing information: What sources might help you find the relationship between exponents and radicals? Any primary sources, and from where?
2.) Share your ideas with us, and why you think that way,
3.) Write a book, story, blog post or tweet that uses one of the ideas, and then, pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library.
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destinieantojones (2021-02-05 18:17:32)
originally posted on ShiraDest blog...

Day 19 of High School in Five Months, more radicals, and Adulting Ed... - 2021-02-05 15:02

Making charts, working through complex lower mathematics, and writing about it in a journal all hone the skills of problem-solving and critical thinking, skills as essential for being a competent citizen in our modern society(with public infrastructure that needs support) as of being an adult in anydemocratic nation.
Day 19Grammar: Caps Review, Intro. to Essay WritingMath: Exponents ARE Radical!!Day19ExitSlips

***Action Items*:**

1.) Sourcing information: What sources might help you find the relationship between exponents and radicals? Any primary sources, and from where?
2.) Share your ideas with us, and why you think that way,
3.) Write a book, story, blog post or tweet that uses one of the ideas, and then, pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library.
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destinieantojones (2021-02-05 18:17:12)
originally posted on ShiraDest blog...

Day 20 High School in Five Months, the power of Zero, and Adulting Ed... - 2021-02-05 15:03

Scheduling tasks by breaking large projects into smaller chunks, using a spreadsheet to organize your project from 0 to Finished, andsupporting our public infrastructure is all part of Adulting Education for our modern society as an adult in anydemocratic nation.
Day 20 Lesson PlanScheduling sheets: use a spreadsheet to plan big projectspunctuationExponents: Pwrs of Zero and 1, -1Day20ExitSlips

***Action Items*:**

1.) How would you find out what the three branches of the US government are, besides looking at the PDF of the lesson plan from today? Any primary sources, and from where?
2.) Share your ideas with us, and why you think that way,
3.) Write a book, story, blog post or tweet that uses one of the ideas, and then, pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library.
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destinieantojones (2021-02-05 18:16:54)

originally posted on ShiraDest blog...

Day 21 of High School in Five Months, Growing your Brain, and Adulting Education - 2021-02-05 15:03

Learning new things, at any age, is crucial to ourgrowth as human beings and as citizens of anydemocracy:

Let's redefine*Adulting* to include learning for life, for citizenship, and for democracy!

Day 21 Lesson Plantoday, the Reading is via Closed Captions:Math Warm-up: Area and estimation on Khan AcademyPractice Multiplying Powers: the Product RulePractice Dividing Powers: the Quotient Rule

Day 21 ExitSlips

***Action Items*:**

1.) Find three different sources describing the ways our brain can grow (four, if you use the source cited in today's lesson plan...),

2.) Share your findings with us, and
3.) Write a book, story, blog post or tweet that uses those findings, and then, please[tell us about it!](#) If you write a book, once it is published please consider donating a copy to your local public library.
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Day 22 of High School in Five Months, Repeated Ops, and Repeated Steps - 2021-02-05 15:03

Transportation is the repeating of foot steps, and the knowledge of location, while tools like exponents, multiplication, and division, are repeated operations on the same numbers. These repeated operations are what every democracy[movement](#) must teach:
[Day 22/67, Week 6 of 18 weeks](#)

Grammar: Essay writing 3/4: on paper
(Please finish your outline for your 500 word essay, and add your thesis sentence...)
Easiest: Power of a power practice using the Power RuleDay22ExitSlips

***Action Items*:**

1.) Find three different sources describing the pros and cons of widespread public transportation,
2.) Share your findings with us, and
3.) Write a book, story, blog post or tweet that uses those findings, and then, pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library.
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Day 23 (out of 67) of High School in Five Months, Learning languages, and Adulting in context - 2021-

02-05 15:04

If you are a compulsive completer, like I am, you probably found yourself filling in the chart above automatically, in the language of mathematics: perhaps the most universal of all human languages (and maybe of alien languages, if we ever make contact with non-human intelligent life?). Languages, both external (or, between people, i.e. French) and internal (aka "love languages" for each person), are a set of forms of knowledge that all*Adult* citizens of any democratic nation or movement must learn anew, continually, just as with mathematical language:
Mathematical Language is far simpler:
(3 ^ 0)(3 ^3) =(1)(3 cubed) = 3 cubed = 3*3*3 = 27
Day 23 Lesson Plan (pdf format)more Power practice: powers of products and quotients practiceChallenging exponents practice using The Power RuleDay23ExitSlips
End of Week 6 of 18…

***Action Items*:**

1.) Find three different*secondary or tertiary sources* for the origin or language family of your favorite language, (French, for instance, according toEncyclopedia Brittanica, theBBC, andNational Geographic, is Romance...)
2.) Share your findings with us, and
3.) Write a book, story, blog post or tweet that uses those findings, and then, pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library.
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([Day 22](#) ...[Day 24](#))

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Day 24 of High School in Five Months, voting, and libraries - 2021-02-05 15:04

Citizenship responsibilities, like voting, require a combination of both knowledge of the candidates, and of the tools, like Ranked Choice Voting, that give us ways to make our voices heard. Libraries put more tools into the hands of citizens, empowering better decision-making. Those tools, like RCV and critical thinking, are some of the tools that any democracy[movement](#) needs:
start of Week 7...
[Day 24 Lesson Plan](#)
Grammar: Essay Writing practice
-Finish your Thesis Sentence, general Essay Outline, and detailed Intro. Paragraph Outline
[Negative Exponents: Intro. practice activityDay 24, Week 7 Exit Slips](#)

***Action Items*:**

1.) Where can you find information about voting, besides the local Public Library?
2.) Share your findings with us, and
3.) Write a book, story, blog post or tweet that uses those findings, and then, please[tell us about it!](#) If you write a book, once it is published please consider donating a copy to your local public library.
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Day 25 of GED/HiSET in Five Months, cubic numbers, and public transit - 2021-02-05 15:04

Using public transportation in some cities can sometimes feel like solving a Rubik's Cube: easy one day, not so easy the next, oftentimes. But the ability to use mass transit, and the availability and safety of buses, sidewalks, even frequently overlooked

details like paths to the sidewalk, and sidewalk cuts, for those in walkers or wheelchairs, requires the same kind of community thinking that any democracymovement must practice. Can cubic numbers and puzzles also teach us about finding the roots of transportation problems for others, which we ourselves may not have to worry about, but others do (like the lack of a cut or path that was no problem for me, during the day time, but presents a constant hazard for less mobile people at any time of day or night, at a certain Continuing Education campus...)?

Day 25 lesson planGrammar: compound sentencesConverting Exponents to Radicals: Easy activityConverting Exponents to Radicals: Challenging activityday25ExitSlips

***Action Items*:**

1.) Find three different ways (like San Diego'sGet it Done app) to report needed sidewalk or other public works safety issues in your town or city,

2.) Share your findings with us, and

3.) Write a book, story, blog post or tweet that uses those findings, and then, pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library.

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Day 26 of High School Equivalency in Five Months, Relationships, and Adulting Education - 2021-02-05 15:23

Understanding how to see how various shapes, quantities, people, or policies relate to each other is a crucial part of*Adult* citizenship responsibility, and is thus part of any democracymovement as well. The relationship between a square and a rectangle is quite simple, analogous to the relationship between Newton's Laws of Motion and Einstein's General Theory of Relativity: that of the special case of the larger subset.

week 7/18
Day 26 Lesson PlanGrammar: commas and clausesEasiest math: area of rectangles & squaresDay26ExitSlips

***Action Items*:**

1.) Why is it important to understand relationships between ideas, do you think?
2.) Share your thoughts with us, and
3.) Write a book, story, blog post or tweet that uses those thoughts, and then, pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library.

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Day 27 of High School Equivalency in Five Months, more relationships, and Adulting Education - 2021-02-05 15:23

Understanding how to see how various shapes, quantities, people, or policies relate to each other is a crucial part of*Adult* citizenship responsibility, and is thus part of any democracymovement as well. The relationship between squares, rectangles, and triangles may be simpler than the relationship between slavery, racism, and Manifest Destiny, but understanding both sets of relationships is part of being an*Adult* in a democratic society.

week 7/18
Day 27 lesson planGrammar: commas in intro./direct addressHow to find the height of a trianglePerimeter

and Area of TrianglesDay27ExitSlps

***Action Items*:**

1.) Why is it important to understand relationships between historical ideas, and current events, do you think?

2.) Share your thoughts with us, and

3.) Write a book, story, blog post or tweet that uses those thoughts, and then, pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library.

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(Day 26 ...Day 28)

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Day 28/67 of High School Equivalency in Five Months, Love Triangles, and Adulting Education - 2021-02-05 15:27

The skill of translating ideas into other terms, or of translating mathematical terms into social ideas, is

a crucial part of*Adult* citizenship responsibility, and is thus part of any democracymovement. Understanding sets of power relationships is also a crucial part of being an*Adult* in a democratic society. Mathematics helps with that, as does reading novels, from your local public librarians list of recommendations!

Start of week 8/18

Lesson Plan, Day 28Three kinds of trianglesDay 28 ExitSlips

So it looks like this was the point in the semester where time caught up with me and I ran out of the energy to keep integrating history or science readings with the math and grammar parts of the lessons. Since students were using a set of*Master the HiSET* books in the classroom, if you cannot get an online version of a larger GED/HiSET prep book with a summary of all of the material tested in the 5 subject areas, please try looking for a set ofopen High School text books and then cross-reference that with the free practice tests for the GED andHiSET exams. Back in 2016 I prepared for the Secondary mathematics (middle school and high school level) Praxis exams using online texts books, so I know that a bit of digging will reveal a variety of good open source text books online across grade levels.

Just let me know if you need help finding resources, and I'll find something.

***Action Items*:**

1.) Are love triangles always (or ever) equilateral, do you think?

2.) Share your thoughts with us, and why you think them, and

3.) Write a book, story, blog post or tweet that uses those thoughts, and then, pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library. Dear Readers, ideas on*learning,* especially*multiple #LanguageLearning, on-going education* and*empathy-building*, to #EndPoverty, #EndHomelessness, #EndMoneyBail & achieve freedom for AllHumanKind?
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Day 29/67 of High School Equivalency in Five Months, Similarity, and Adulting Education - 2021-02-05 15:27

The skill of understanding definitions in detail, and applying them logically, is another crucial part of*Adult* citizenship responsibility which is taught very well by mathematics (too bad Proofs were no longer a standard part of geometry classes after my middle school classes back in the early 1980s) and is thus a key part of any democracymovement. Understanding evidence and how to draw logical conclusions from primary or proofed secondary

sources is also a crucial part of being an*Adult* in a democratic society.
Mathematics helps with that.

Middle of week 8/18

Day 29, lesson planGrammar: colonsMath: similar trianglesDay 29, ExitTicket

***Action Items*:**

1.) The devil is in the detail, don't you think? How can Proofs help teach logic?
2.) Share your thoughts with us, and why you think them, and
3.) Write a book, story, blog post or tweet that uses those thoughts, and then, pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library.
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Day 30/67 of High School Equivalency in Five Months, Similar Triangle Ratios, and Adulting as lifelong language learning - 2021-02-05 15:28

The skill of understanding ratios and similarity carries over from triangles to form another part of being an*Adult* in a democratic society. If mathematics is a logical language that we must all keep current in our memory, and sharp in our understanding, then learning that particular language is also a key part of*Adulting,* is it not? And a bit of a change from yesterday's lesson plan: we now have history readings again! Today's grammar/history reading is on the Industrial Revolution.

Middle of week 8/18

Lesson Plan: Day 30, Week 8Grammar: semicolons and colonsMath: solving similar triangle ratiosDay 30, Week 8, ExitTix

***Action Items*:**

1.) What do you think that ratios or similar triangles may (or may not) have to do with*Adulting?*
2.) Share your thoughts with us, and why you think them, and
3.) Write a book, story, blog post or tweet that uses those thoughts, and then, please tell us about it! If you write a book, once it is published please consider donating a copy to your local public library.
4.) Feel free to answer the exit ticket questions in the comments, or pose any other questions you may have about the lesson, if you wish.
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Day 31/67 of GED in Five Months, Coordinates, and Hawaii - 2021-02-05 15:28

***Adulting* is also about understanding relationships between economics and annexation, is it not?**
See the lesson plan for more...

End of week 8/18

Day 31, Lesson PlanGrammar: Independent clausesMath: 2nd Intro. to Cartesian CoordinatesDay 31 Exit Ticket

***Action Items*:**

1.) What do you think this lesson's reading may (or may not) have to do with*Adulting?*
2.) Share your thoughts with us, and why you think them, and
3.) Write a book, story, blog post or tweet that uses those thoughts, and then, pleasetell us about it! If

you write a book, once it is published please consider donating a copy to your local public library.
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Day 32/67 of GED in Five Months, Learning Styles, and Polygons - 2021-02-05 15:28

***Adulting* is also about understanding how you learn most effectively, is it not? The multiple sides of any issue or problem are sort of like the edges of a many-sided object, aka a*polygon,* no?**
See the lesson plan for more...

Start of week 9/18

[Day 32 Lesson PlanMath: Drawing polygons in the coordinate planeDay32ExitTix](#)

***Action Items*:**

1.) What do you think the concept of multiple learning styles may (or may not) have to do with*Adulting?*

2.) Share your thoughts with us, and why you think them, and

3.) Write a book, story, blog post or tweet that uses those thoughts, and then, pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library.

4.) Feel free to answer the exit ticket questions in the comments, or pose any other questions you may have about the lesson, if you wish.

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(Day 31 ...Day 33)

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Day 33/67 of GED in Five Months, coordinates, and area - 2021-02-05 15:49

Adulting **is also about understanding how complex ideas fit together and affect other ideas, people, places, and/or things. The Cartesian coordinate system also gives us access to yet another form of language, allowing us to describe the world around us more fully in terms of precise location.**
Figuring out the area of a polygon in a coordinate plane can also help us figure out other things, no?

Middle of week 9/18

Day 33 Wk 9Grammar: coordinating conjunctionsMath: Area of polygons on a grid/coordinate planeDay 33ExitTix

***Action Items*:**

1.) What do you think is the level of importance of mathematics, especially more complex maths, and how might it help, if you think it does, with*Adulting?*
2.) Share your thoughts with us, and why you think them, and
3.) Write a book, story, blog post or tweet that uses those thoughts, and then, pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library.
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Day 34/67 of GED in Five Months, circles, and flu - 2021-02-05 15:49

Adulting **is also about understanding how history and science fit together, just as circles and triangles fit together, and impact us today. This and last year's Covid-19 pandemic is not so different from the 1918-1920 wrongly-named Spanish Flu pandemic.**

Middle of week 9/18

Lesson plan, Day 34, Wk 9Grammar: semicolons and colonsHow to find the height of a triangleMath: Circles and PiSee Computer Model with today's Science reading: Flu pandemic...
Day 34 Exit Tix

***Action Items*:**

1.) What do you think is the level of importance of history, vs. science, and how might both help, if you think they do, with*Adulting?*
2.) Share your thoughts with us, and why you think them, and
3.) Write a book, story, blog post or tweet that uses those thoughts, and then, pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library.

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Day 35/67 of GED in Five Months, FDR's New Deal , and Pro-Bono Legal Aide - 2021-02-05 15:50

***Adulting* is also about understanding how to find up-to-date information and help in finding that information and how to use it, like legal information.**

End of week 9/18

Day 35 Lesson Plan, Week 9Grammar: plural nouns ending in 'f'Math: Area of a circleDay 35 Exit Tix

***Action Items*:**

1.) What do you think is the level of importance of legal aide?

2.) Where can you get Pro-Bono Legal Aide, in your area?
3.) Write a book, story, blog post or tweet that uses those thoughts, and then, pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library.
4.) Feel free to answer the exit ticket questions in the comments, or pose any other questions you may have about the lesson, if you wish.
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Day 36/67 of GED in Five Months, circles, and triangles - 2021-02-05 15:50

***Adulting* is also about understanding relationships between seemingly unrelated things, and how to find up-to-date information and help in finding that information and how to use it, like legal information.**

Start of week 10/18

Day 36 Lesson PlanMath: area of Rectangles & Triangles togetherDay 36 Exit Ticket

***Action Items*:**

1.) What do you think is the level of importance of legal aide?
2.) Where can you get Pro-Bono Legal Aide, in your area?
3.) Write a book, story, blog post or tweet that uses those thoughts, and then, pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library.
4.) Feel free to answer the exit ticket questions in the comments, or pose any other questions you may have about the lesson, if you wish.
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Day 37/67 of GED in Five Months, adaptations, and Adulting - 2021-02-05 16:17

Adulting **is also about understanding adaptations, not from a scientific or organic perspective, but from a more emotional and intellectual point of view. Adapting to new situations is a skill that science can teach us for both abstract intelligence and emotional intelligence. That skill is needed in the modern world by all people.**

Middle of week 10/18

Day 37, Week 10Grammar:Possessives -the apostropheMath: Congruent and similar regionsDay 37 Exit Ticket

***Action Items*:**

1.) What do you think is the difference between adapting emotionally and adapting intellectually to a problem or situation?
2.) Why might that make a difference to citizens in a republic?
3.) Write a book, story, blog post or tweet that uses those thoughts, and then, pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library.
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Day 38/67 of GED in Five Months, learn like the wind, and Rise vs. Run - 2021-02-05 16:17

Adulting **is about knowing how you learn most effectively, but also about understanding systems, similes, and relationships of change between varying quantities. Like the price of a main staple, like rice, over time in hours, days, or weeks...**

Middle of week 10/18

Day 38, Week 10, Lesson planGrammar: using a simileMath:Slope as ratio of Y:XDay 38 Exit Tix

***Action Items*:**

1.) What do you think is one possible scenario where rice can (or has...) cause riots?
2.) Why might it be important that citizens in a republic understand these possible scenarios?
3.) Write a book, story, blog post or tweet that uses those thoughts, and then, pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library.
4.) Feel free to answer the exit ticket questions in the comments, or pose any other questions you may have about the lesson, if you wish.

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Day 39/67 of GED in Five Months, constructing metaphors, and, thinking like an Adult - 2021-02-05 16:17

***Adulting*, metaphors, and seeing how definitions fit into the context of a whole are crucial for informed decision-making, and for constructing a better world, starting with new laws, once one knows how to properly suggest them.**

End of week 10/18

Day 39 Lesson plan, Week 10Today'sReadingGrammar:similes and metaphorsMath: Area of circles and parts of circlesDay 39 Exit Ticket

***Action Items*:**

1.) What do you think is one possible metaphor for our current society?
2.) Please explain your metaphor, and how you thought of it, in detail...
3.) Write a book, story, blog post or tweet that uses those thoughts, and then, please[tell us about it!](#) If you write a book, once it is published please consider donating a copy to your local public library.
4.) Feel free to answer the exit ticket questions in the comments, or pose any other questions you may have about the lesson, if you wish.
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Day 40/67 of GED in Five Months, cheerful facts about the square of the hypotenuse, and, standing like an Adult - 2021-02-05 16:18

Adulting **includes learning which languages work to help you learn best, such as the language of music: musical learning for facts vegetable, mineral, and mathematical, especially quadratical, and maybe even songs for finding out where your law-makers stand. :-) How, by the way, would you find out where your Congressmen and State Assembly/State Senate representatives stand on various issues of concern to you?**

Start of week 11/18

Day 40, Week 11Grammar: Frequently confused words:affect/effect andhere/hearMath: Pythagorean Theorem!!!Day 40 Exit Ticket

***Action Items*:**

1.) Where does this quote "...cheerful facts about the square of the*hypotenuse...*" come from, and do you like it?
2.) Please explain how it may (or may not) help learners...
3.) Write a book, story, blog post or tweet that uses those thoughts, and then, pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library.
4.) Feel free to answer the exit ticket questions in the comments, or pose any other questions you may have about the lesson, if you wish.
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Day 41/67 of GED in Five Months, cycles, and, "Wh" questions - 2021-02-05 16:34

Adulting **often requires Public Library resources to answer important questions about issues ranging from the life cycle of an organism, as in today's science reading, to election cycles. Or resources like the old "Who's Who..." books that recorded facts like the number of presidents who have been impeached, and why. Questions like why, where, when, and of course, how, are key to understanding all sides of any issue, from biology to sociology, and our daily lives.**

Week 11/18

Day 41 Wk 11Grammar: writing a paragraphmore Pythagorean TheoremDay 41 Exit Ticket

***Action Items*:**

1.) Why might it be important to understand the life cycle of various organisms?
2.) Please explain how it may (or may not) help citizens of a Republic...
3.) Write a book, story, blog post or tweet that uses those thoughts, and then, pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library.

4.) Feel free to answer the exit ticket questions in the comments, or pose any other questions you may have about the lesson, if you wish.
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Day 42/67 of GED in Five Months, "discrete what?", and, health terminology - 2021-02-05 16:48

***Adulting* often requires understanding vocabulary, and how certain words have slightly different meanings when applied in a different context, to understand how health care works, and why the Public Health Services are so important. Here is one of my favorite words that makes a key difference in math, science, health care, and even in English grammar, as the lesson will show!**

Week 11/18

Day 42, Week 11Grammar: Context and confusing wordsArea and the Pythagorean TheoremDay 42 Exit Ticket

***Action Items*:**

1.) Why might it be important to understand the different nuances of meanings of a word, aka different connotations, under various circumstances, like the word theory, or discrete?
2.) Please explain how it may (or may not) help citizens of a Republic, especially during a global pandemic...
3.) Write a book, story, blog post or tweet that uses those thoughts, and then, please tell us about it! If you write a book, once it is published please consider donating a copy to your local public library.
4.) Feel free to answer the exit ticket questions in the comments, or pose any other questions you may have about the lesson, if you wish.
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Day 43/67 of GED in Five Months, Area vs. Circumference, and, transportation - 2021-02-05 16:49

***Adulting* often requires knowing how transportation ties in with a variety of types of knowledge, like the distance around an obstacle, given the area of the area you want to avoid. Also, when does it make more sense to use mass transit than to drive?**

Start of week 12/18

Day 43, Lesson Plan:Grammar: Essay Writing - Continue working on yourProsCommon Core Math, Skill practice #s4-6: Area and Circumference of CirclesDay 43 Exit Ticket

***Action Items*:**

1.) Why might it be important to understand the public transit system in your city?
2.) Please explain how it may (or may not) help citizens of a Republic, especially those who are unable, for eyesight reasons, for instance, to drive a car...
3.) Write a book, story, blog post or tweet that uses those thoughts, and then, pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library.
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Day 44/67 of GED in Five Months, exponential curves, and, legal education - 2021-02-05 16:49

Aside from understanding exponential growth in populations of rabbits, and germs,*Adulting* often requires knowing how to defend yourself legally, for instance on a medical debt that may have expired, when you are summoned to court on it anyway: if you don't go let them know (that the debt is time-barred), you may have 'a hard row to hoe.' Especially since compound interest also grows exponentially...

Middle of week 12/18

Day 44, Week 12Grammar: Quotes and moreMath: Using ExponentsDay 44 Exit Ticket

***Action Items*:**

1.) Why might it be important to understand the legal system in your state?

2.) Please explain how it may (or may not) help citizens of a Republic,
3.) Write a book, story, blog post or tweet that uses those thoughts, and then, please[tell us about it!](#) If you write a book, once it is published please consider donating a copy to your local public library.
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Day 45/67 of GED in Five Months, community colleges, and, local lawmakers - 2021-02-05 16:49

Aside from simplifying mathematical roots,*Adulting* often involves simplifying the roots of complex

social and logical problems, too. Seeing through false arguments, distinguishing red herrings from truth, finding the root cause of a situation, all require logical and persistent thinking, developed by mathematics. Community colleges are one good place to learn these skills.

Middle of week 12/18

Day 45 lesson plan
Grammar: Coordinating conjunctions
Simplify RootsDay 45 Exit Ticket

***Action Items*:**

1.) Search for two different reps in your state for whom you are a constituent.
2.) Email them to ask for increased Community College funding.
3.) Share how each of the reps responded.
4.) Write a book, story, blog post or tweet that uses those responses, and then, pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library.
5.) Feel free to answer the exit ticket questions in the comments, or pose any other questions you may have about the lesson, if you wish.
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Day 46/67 of GED in Five Months, libraries, and Adulting - 2021-02-05 16:49

The public librarysystem, and supporting free access by all residents to high quality branch libraries, is another responsibility of being an*Adult* in a republic.

End of week 12/18

Day 46, Week 12Grammar: subordinating conjunctionsMath: simplifying cubic rootsDay 46 Exit Ticket

***Action Items*:**

1.) Search for two school board members in your area,
2.) Email them to ask for help advocating for increased public library branch funding.
3.) Share your thoughts about how each of the board members responded.
4.) Write a book, story, blog post or tweet that uses those responses, and then, pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library.
5.) Feel free to answer the exit ticket questions in the comments, or pose any other questions you may have about the lesson, if you wish.
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Day 47/67 of GED in Five Months, historic decisions, and health care - 2021-02-05 16:58

A basic understanding of science, and support for free access by all residents to high quality branch libraries with trained Reference Librarians who also understand basic science, is another responsibility of being an*Adult* in a republic. Understanding the basics underlying any illness, likesmallpox or typhoid, the history behind it, and the sensible precautions that can be taken to avoid it, are like teaching*Typhoid Mary* why she was a carrier. We all have a duty and a right to understand, and to protect our fellow human beings.

Start of week 13/18

Day 47 Lesson PlanGrammar: Essay Writing - Continue working on yourProsMath: Scale and

SimilarityDay 47 Exit Ticket

***Action Items*: What Would You Do??**

1.) Search for two different sources explaining who Typhoid Mary was,
2.) Does either source tell why she never understood that she was a carrier?
3.) Share your thoughts about how you would help her, if you had been the head of the NYC health department,
4.) Write a book, story, blog post or tweet that uses those ideas, and then, pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library.
5.) Feel free to answer the exit ticket questions in the comments, or pose any other questions you may have about the lesson, if you wish.
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Day 48/67 of GED in Five Months, science, help, and health - 2021-02-05 16:59

How many of us remember why monocropping can be a problem, and how it could impact our health, and the health of generations to come?

> ***Reading: "Growing the same crop on a field year after year can cause crop yields to decline as the soil becomes depleted and insect populations become firmly established. Crop rotation, or growing different crops in different years, is one way to avoid these problems. However, discovering the most effective rotation of a number of different crops is difficult, because there are so many possible orders in which to grow them and testing any given crop rotation takes several years."***

This might take some math, huh? For example, what might a percentage increase in one year be for a bunch of bugs that have made themselves snuggly at home in a potato field, versus the percentage increase of those bugs if that potato field were planted with soy beans next year, do you think? You might get some help on the mathematics for that in the lesson below...

Middle of week 13/18

Day 48, Week 13Grammar: Dangling modifiersMath: Percent IncreaseDay 48 Exit Ticket

***Action Items*: What Would You Do??**

1.) Search for two different sources explaining what monocropping is,

2.) Does either source discuss Terminator Seeds, and what point of view does each source prefer? Is there an obvious benefit that either source (or the authors or funders of the source article) has to gain from that point of view?
3.) Write a book, story, blog post or tweet that uses your findings, and then, please[tell us about it!](#) If you write a book, once it is published please consider donating a copy to your local public library.
4.) Feel free to answer the exit ticket questions in the comments, or pose any other questions you may have about the lesson, if you wish.
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Day 49/67 of GED in Five Months, interest, and financial language learning - 2021-02-05 16:59

How can you determine what the cost of a student loan, or a mortgage, might be, in 20 years, and what might interest rates have to do with that? What might the difference be between simple interest, compound interest, the prime rate, and other types of interest rates? And why should we all care? All of these questions are part of learning the language of finance, which every*Adult* needs to understand, even if one does not wish to participate in all parts of the system.
You might get a start, or a refresher, on the mathematics for that in the lesson below...

Middle of week 13/18

Day 49 Lesson PlanGrammar: parallel structure in sentencesMath: Simple InterestToday's historyreadingDay 49 Exit Ticket
Bernanke drew some more parallels between then and now:

> ***" I thought that I would speak to you about the parallels--and differences--between that crisis and the more recent one, particularly regarding the responses of policymakers. I draw four relevant lessons from the financial collapse of the 1930s; I will first list these lessons, then briefly elaborate. First, economic prosperity depends on financial stability; second, policymakers must respond forcefully, creatively, and decisively to severe financial crises; third, crises that are international in scope require an international response; and fourth, unfortunately, history is never a perfect guide."***

***Action Items*:**

1.) Search for two different sources explaining who Bernanke is, and what The Prime Rate is,
2.) Who sets The Prime Rate in the US, and what does it affect?
3.) Write a book, story, blog post or tweet that uses your findings, and then, please[tell us about it!](#) If you write a book, once it is published please consider donating a copy to your local public library.
4.) Feel free to answer the exit ticket questions in the comments, or pose any other questions you may have about the lesson, if you wish.
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Day 50/67 of GED in Five Months, language learning, and libraries - 2021-02-05 16:59

How can you determine what the meaning of a word is in a mathematical context? And where would you find the resource that may put all of that information right at your fingertips? Solving word problems in mathematics, and all life's problems are really word problems, requires learning the language of mathematics, which every*Adult* needs to understand.
Today's reading may be interesting to see how a word or theory can change over time, starting with two parallel slits that kicked off a world of new questions:

> ***"The Double-Slit ExperimentBy the early 19th century, most physicists agree with Newton's well-established theory of light, which says that light takes the form of particles—what we now call photons. But English scientist Thomas Young isn't convinced, and in 1803, he designs an experiment to test the status quo. Young aims a beam of light at a barrier that has two slits. If light is made of particles, he reasons, those particles should travel in a straight line through the slits, projecting two distinct lines of light on the screen beyond the barrier. Instead..."***

You might get a start, or a refresher, on the mathematics for that in the lesson below...

End of week 13/18

Day 50 Week 13Grammar: more practice with parallelismMath: Translating words into mathematical languageReading for science:ParallelDay 50 Exit Ticket

***Action Items*:**

1.) Search for two different possible meanings for the word*parallel,*

2.) Where did you find the definitions, and why do you find those sources credible?

3.) Write a book, story, blog post or tweet that uses your thoughts, and then, please[tell us about it!](#) If you write a book, once it is published please consider donating a copy to your local public library.

4.) Feel free to answer the exit ticket questions in the comments, or pose any other questions you may have about the lesson, if you wish.

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Day 51/67 of GED in Five Months, linear relationships, and free text books - 2021-02-05 17:42

So, what is a linear relationship, and why should we care? Earlier lessons have started on this topic, so you should already have a few hints!
Some volunteer libraries of freely available open source text books are available, and of high quality. By searching carefully, you can find the resources to help you meet your learning goals independently.

Start of week 14/18

Day 51 Lesson Plan, Week 14Writing -Continue working on yourConsMath: Linear expressionsSome moreexercisesDay 51 Exit Tix

***Action Items*:**

1.) Search for two different possible uses for the word*linear,*
2.) Where did you find the definitions, and why do you find those sources credible?
3.) Write a book, story, blog post or tweet that uses your thoughts, and then, pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library.
4.) Feel free to answer the exit ticket questions in the comments, or pose any other questions you may have about the lesson, if you wish.
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Day 52/67 of GED in Five Months, water, and our health - 2021-02-05 17:43

So, how would you figure outhow much water is currently in your local aquifer, say, if you live in Albuquerque, New Mexico?
So, what does ground water have to do with all of our health, and why do we need to understand this, as citizens of a republic?

Middle of week 14/18

Lesson Plan forGrammar: Misplaced ModifiersMath: Review of solving one-step equations

***Action Items*:**

1.) Search for two different sources to learn the source of your local water supply,
2.) Did you notice that a key word has similar but different meanings, above? Please tell us where your water comes from, and how you know that the sources you found are reliable,
3.) Write a book, story, blog post or tweet that uses your findings, and then, pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library.
4.) Feel free to answer the exit ticket questions in the comments, or pose any other questions you may have about the lesson, if you wish.

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Day 53/67 of GED in Five Months, the water cycle, and Adulting - 2021-02-05 17:48

So, as citizens of a republic, why do you think that the water cycle may be related to Adulting?

Middle of week 14/18

Day 53, Week 14Grammar: Prepositional Phrases reviewMath: Combining like termsScience and history: Who were the*Anasazi*

***Action Items*:**

1.) Search for two different sources to learn how your local water supply is*treated,*
2.) Please tell us where your information comes from, and how you know that the sources you found are reliable,

3.) Write a book, story, blog post or tweet that uses your findings, and then, please[tell us about it!](#) If you write a book, once it is published please consider donating a copy to your local public library.
4.) Feel free to answer the exit ticket questions in the comments, or pose any other questions you may have about the lesson, if you wish.
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Day 54/67 of GED in Five Months, Equations of a line, and making a bee line to Save The Bees - 2021-02-05 17:48

So, why do you think that equations of a straight line, aka linear equations, may be related to bees, transportation, and bee lines? And why do they call it a bee line, when bees never seem to move in a straight line, or do they?

Today's[reading]() comes from a well-known source that is citing two major secondary sources: can you agree with the authority of the two sources cited?

> ***"... the Christian Social Union, which had not been at the forefront of climate change conversations and tended to resist serious environmental protection measures, responded by voting into law what the petition called for. The law commits the government to preserve the environment, support organic farming, increase the number of natural meadows, prevent further losses of biodiversity, protect clean water and limit pesticide use. Along with saving the bees, insects, amphibians, reptiles, birds and wild herbs are to be protected.***
>
> ***..."***

End of week 14/18

Day 54, Week 14Grammar: Compound PrepositionsMath: Solving linear equations

***Action Items*:**

1.) Search for two different sources to learn about your local transit board,
2.) Please tell us where your information comes from, and how you know that the sources you found are reliable,
3.) Write a book, story, blog post or tweet that uses your findings, and then, please tell us about it! If you write a book, once it is published please consider donating a copy to your local public library.
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Day 55/67 of GED in Five Months, Linear Inequalities, and Health Care - 2021-02-05 17:48

So, why do you think that it may be important to understand linear inequalities as they relate to Health Care, especially to health care outcomes for Black, Latino, and White Americans?
Today's reading:

> ***"Although the Affordable Care Act (ACA) lead to large coverage gains, some groups remain at higher risk of being uninsured, lacking access to care, and experiencing worse health outcomes. For example, as of 2018, Hispanics are two and a half times more likely to be uninsured than Whites (19.0% vs. 7.5%) and individuals with incomes below poverty are four times as***

likely to lack coverage as those with incomes at 400% of the federal poverty level or above (17.3% vs. 4.3%)."

Start of week 15/18

Day 55, Week 15Writing -Continue working on yourCons (or finishProsmath: Graphing linear inequalitiesWho is behind today's Sciencereading

***Action Items*:**

1.) Search for two different sources to learn about your local health department,
2.) Please tell us where your information comes from, and how you know that the sources you found are reliable,
3.) Write a book, story, blog post or tweet that uses your findings, and then, pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library.
4.) Feel free to answer the exit ticket questions in the comments, or pose any other questions you may have about the lesson, if you wish.
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Day 56/67 of GED in Five Months, more maths language learning, and libraries - 2021-02-05 17:54

We keep seeing the need to translate problems into mathematical terms, or into the language of mathematics, in order to solve problems. Libraries and librarians can help us translate mathematical, scientific, and social problems into terms that can facilitate problem-solving, if we fund our libraries properly. How would you solve part of the problem of public library funding?
Today'sreading relates to figuring out for yourself what are useful online materials to help you learn mathematics on your own:

> ***"Overview:***
>
> ***"***

End of week 15/18

Day 56 Week 15Grammar: Compound subjectsMath: translating andsolving simple inequalities

***Action Items*:**

1.) Search for two different sources to learn about your local library system's funding,
2.) Please tell us where your information comes from, and how you know that the sources you found are reliable,

3.) Write a book, story, blog post or tweet that uses your findings, and then, please[tell us about it!](#) If you write a book, once it is published please consider donating a copy to your local public library.
4.) Feel free to answer the exit ticket questions in the comments, or pose any other questions you may have about the lesson, if you wish.
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Day 57/67 of GED in Five Months, Slope-Intercept form, and Adults follow the funding - 2021-02-05 17:54

We live in a world swimming in documents, both online and in print, telling us things that we must decide how to use, as citizens of a republic. Web sites are especially difficult to trace back to the

initial source, since books have bibliographies and publishers that can be researched. So, how would you solve part of the problem of verifying the veracity of a document, figuring out where the funding for a particular document or web site you are reading came from, and why those funders commissioned that site or study?
Today's reading continues with atomic structure, but you can follow links to earlier pages on atoms, or go ahead with molecules, depending on what you've already covered in your science studies:

> ***"The precise physical nature of atoms finally emerged from a series of elegant experiments carried out between 1895 and 1915. The most notable of these achievements was Ernest Rutherford's famous 1911 alpha-ray scattering experiment, which established that***

1.
2. ***Almost all of the mass of an atom is contained within a tiny (and therefore extremely dense) nucleus which carries a positive electric charge whose value identifies each element and is known as the atomic number of the element.***
3.
4. ***..."***
5.

Start of week 16/18

Day 57 Lesson PlanWriting -Continue working on yourCons (orpros

Math: review of slope and introduction to Slope-intercept form

Science: start or continue onatoms, molecules, and atomic structure

***Action Items*:**

1.) Search for two different sources to findfree textbooks,

2.) Please tell us where their information comes from, how you know that their sources are reliable, and who funded them,

3.) Write a book, story, blog post or tweet that uses your findings, and then, pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library.

4.) Feel free to answer the exit ticket questions in the comments, or pose any other questions you may have about the lesson, if you wish.

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Day 58/67 of GED in Five Months, graphing via Slope-Intercept form, and forensic science - 2021-02-05 17:54

We use rate of change every day, for transporting ourselves and our needful things, for instance, perhaps without even recognizing it, but what else can an equation of a line tell us?
Today's reading shows one application of slope-intercept form, with several more applications further down the page:

> ***"Imagine you are a forensic scientist working in the Central Identification Lab at JPAC (the Joint POW/MIA Accounting Command). Your job is to help identify human remains believed to be U.S. military personnel reported missing in action during World War II and other conflicts. A team of your colleagues recovers skeletal remains consisting of a pelvic bone, several ribs, and a femur from a 1943 military plane crash on Vanuatu.***
>
> ***When the remains arrive in your lab, you photograph and measure the bones. From the shape of the pelvis, you can quickly tell that the remains most likely belong to an adult male. You note that the femur is 18.7 inches long. Bone length, especially the length of long bones like the femur, is related to an individual's overall height. Simply put, a tall person will usually have long legs, and a short person generally has shorter legs. This relationship is so strong that you can predict an individual's height***

if you know the length of one bone in the leg (Figure 1). You plug your measurement into an equation used to estimate the overall height of an adult male based on femur length:

H =1.880(L) +32.010"

Does the above equation look familiar? A little hint: Y =m(x) +b

Middle of week 16/18

Day 58, Week 16Grammar: Subject verb agreement with indefinite pronouns as subjectMath: practicing graphing with slope-intercept formScience: history and forensic, civic (water storage), and geologicaluses of

***Action Items*:**

1.) Search for two different reasons that answer this question: "Why is Abu Abdullah Muhammad ibn Musa al-Khwarizmi considered the "father of algebra"?"

2.) Please tell us where your information comes from, how you know that the sources are reliable, and who funded them,

3.) Write a book, story, blog post or tweet that uses your findings, and then, pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library.

4.) Feel free to answer the exit ticket questions in the comments, or pose any other questions you may have about the lesson, if you wish.

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destinieantojones (2021-02-05 18:16:12)
originally posted on ShiraDest blog...

Day 59/67 of GED in Five Months, elements of an argument, and elements of a molecule - 2021-02-05 17:55

We use words every day, which many have different meanings in different contexts. Pros, cons, and rebuttals are elements of a basic argumentative essay, while hydrogen and helium are basic chemical elements. Language is important, and shouldn't it be?
Today'sreading starts looking at one of the basic tools of understanding the world around us:

"The Periodic table characterizes the known elements in increasing order of atomic number. It starts on the top right hand corner with Hydrogen and continue from left to right which then repeats in the

horizontal row below the last element. This is not just a list of elements it is organized in very different ways like properties and atomic mass. At first glance the periodic table may seem disorganized with only a couple elements on the top row and a block on the last row but it is very specific in the way that they are organized."

Week 16/18

Day 59 Lesson Plan, Week 16Math: review linear inequalitiesScience:Elements

***Action Items*:**

1.) If you found a mistake, typo, or other concern with the web page you were reading, how would you find out who to contact in order to raise that concern?

2.) Please tell us where your information for your essay comes from, how you know that the sources are reliable, and who funded them,

3.) Write a book, story, blog post or tweet that uses your essay idea, and then, pleasetell us about it! If you write a book, once it is published please consider donating a copy to your local public library.

4.) Feel free to answer the exit ticket questions in the comments, or pose any other questions you may have about the lesson, if you wish.

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Day 60/67 of GED in Five Months, constant rate of change med. reactions, and Health Care science for Adults - 2021-02-05 18:20

We use health care related words every day, but do we see how those words are related to the mathematics and to the concepts that we must remember, or relearn, from our science basics? Noting the relationships and patterns between various interacting concepts are important for every*Adult* in a republic, where we each have a responsibility to understand public health care issues, and to help protect one another. Today'sreading starts looking at chemical reactions, and the concept of half-life of a reaction, which is alinear relationship to the starting point of the reaction:

"The half-life of a reaction, $t_{1/2}$, is the amount of time needed for a reactant concentration to decrease by half compared to its initial concentration. Its application is used in chemistry and medicine to predict the concentration of a

substance over time. The concepts of half life plays a key role in the administration of drugs into the target, especially in the elimination phase, where half life is used to determine how quickly a drug decrease in the target after it has been absorbed in the unit of time (sec, minute, day,etc.) or elimination rate constant ke (minute^{-1}, hour^{-1}, day^{-1},etc.). It is important to note that the half-life is varied between different type of reactions. The following section will go over different type of reaction, as well as how its half-life reaction are derived. ..."

Week 16/18

Day 60 lesson plan, Week 16Grammar: Review of compound subjects and coordinating conjunctionsMath: Write an equation given two pointsHealthscience

***Action Items*:**

1.) Did you see a familiar graph on the reading page?

2.) Please tell us where the information for today's reading comes from, how you know that the sources are reliable, and who funded them,

3.) Feel free to answer the exit ticket questions in the comments, or pose any other questions you may have about the lesson, if you wish.

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(Day 59 ...Day 61)

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Day 61/67 of GED in Five Months, language as a function of context, and Adult decision-making as a function of community - 2021-02-05 18:20

Our language varies based on the context in which that language is used. Mathematical language always has a very specific meaning and a precise context: the mathematical context. We use words everyday that have different meanings, precise meanings, in different contexts. An*Adult* must understand the specific meaning of a given word before making decisions that will affect anyone, including*just* themselves, since our decisions never really affect only ourselves, do they?

Today'sreading starts looking at functions as applied in our physical world:

"forceF as a function of time. ..."

Week 17/18

Day 61 Lesson PlanEssay Writingmath: Identifying and evaluating functionsSciencereading

***Action Items*:**

1.) Did you see any interesting new mathematics (for once you finish this course and move on to higher level learning) on the reading page? Does it look interesting?

2.) Please tell us where the information for today's reading comes from, how you know that the sources are reliable, and who funded them,

3.) Feel free to answer the exit ticket questions in the comments, or pose any other questions you may have about the lesson, if you wish.

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,Ranked Choice Voting and Housing for ALL!!,Teach and Learn (Lesson Plans)

Nih sakh sh'lekk, sleem wa...

(RiP,*Mira Furlan, aka Delenn*...)

ShiraDest

January, 2021 CE = January12021 HE

(Day 60 ...Day 62)

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Day 62/67 of GED in Five Months, Perpetual Motion, and graphic proof - 2021-02-05 18:20

If proof lies in seeing with our own eyes, then those ideas which you can graph and derive from laws must be true, or are they?
Like the moon forever in orbit around the earth, some proofs take a bit more time than others...
Today's[reading]: Newton's laws of motion need to be examined in greater detail in order to answer questions that derive from those laws, just as in mathematics, one derives a proof from various postulates and laws of mathematics.

> ***"As it turns out, the moon is very nearly a perpetual motion machine. It goes around the earth every month and has been doing so at almost constant speed for a very long time. Even so, with advanced instruments and careful measurements, we can determine that the moon's motion is changing: it gets farther away from the earth on average by about two centimeters each year. Why?***
>
> ***..."***

Week 17/18
[Day 62 lesson planGrammar: Sentence Fragments ReviewMath: Systems of equations with graphingSciencereading]
***Action Items*:**
1.) How many different primary sources can you find in 10 minutes that define perpetual motion?
2.) Please tell us where the information for today's reading comes from, how you know that the sources

are reliable, and who funded them,
3.) Feel free to answer the exit ticket questions in the comments, or pose any other questions you may have about the lesson, if you wish.
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(Day 61 ...Day 63)

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Day 63/67 of GED in Five Months, sedimentary rocks, and Public Libraries - 2021-02-05 18:21

By now, we should all know how entropy connects with motion, so what can entropy possible have to do with rocks, since rocks never move in any way, or do they? Maybe your local branch's Reference Librarian can help you find out...
Today's reading :

"Sedimentary rocks are formed from pre-existing rocks or pieces of once-living organisms. They form from deposits that accumulate on the Earth's surface. Sedimentary rocks often have distinctive layering or bedding. Many of the picturesque views of the desert southwest show mesas and arches made of layered sedimentary rock.

..."

Week 17/18

Day 63 lesson planGrammar: AdverbsMath: Linear relationships from a table of dataToday'sreading

***Action Items*:**

1.) Did you see any interesting facts about your home area, those who live in the SouthWestern United States?

2.) Please tell us where the information for today's reading comes from, how you know that the sources are reliable, and who funded them,

3.) Feel free to answer the exit ticket questions in the comments, or pose any other questions you may have about the lesson, if you wish.

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January, 2021 CE = January12021 HE

(Day 62 ...Day 64)

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Day 64/67 of GED in Five Months, lines and laws, and transporting us Ad Astra! - 2021-02-05 18:34

To the stars! But, how do we get there? Today'sreading discusses Newton's proofs of Kepler's earlier laws, based on both observation and mathematics. After all, if we can see it, but don't know how much food and fuel we need to get there, it might be a longer trip than we thought!

> ***"Newton's Principia (Mathematical Principles of Natural Philosophy, 1687), the foundational work of modern science. Newton used classical geometry and the emerging techniques of differential and integral calculus to give mathematical derivations from general fundamental principles of essentially all the quantitative physical laws known at the time.One of the main achievements was the derivation of Kepler's laws from an inverse square law for gravity ..."***

End of Week 17/18

Day 64 lessonGrammar: Compound sentencesMath: comparing slope of two or more linesScience:reading

***Action Items*:**

1.) And if two lines have both the same slope, and the same equation, then what are they?

2.) Please tell us where the information for today's reading comes from, how you know that the sources are reliable, and who funded them,

3.) Feel free to answer the exit ticket questions in the comments, or pose any other questions you may have about the lesson, if you wish.

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(RIP, Mira Furlan/Delenn...)

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January, 2021 CE = January12021 HE

(Day 63 ...Day 65)

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Day 65/67 of GED in Five Months, Parabolas, and Public Libraries - 2021-02-05 18:35

Parabolas describe falling, thrown, (or ?) objects: symmetry is ... symmetrical.
–Clearly, a library at each campus of each Adult /Continuing Education site would be helpful, as well as quiet study cubicles, for those with no place to study at home.
Continuing to learn, and helping others continue to learn, helps our society, so I am posting these lesson plans in the hope of helping others to help themselves to learn, whether one has yet to finish High School, or merely wants a refresher.
But, the fun parabola question is: will this[space tour transportation] (rocket) travel in the form of a parabola on the way to and from the Space Station? Babylon 5, we're almost there!

"

Axiom Space said three private individuals and a former NASA astronaut will fly aboard SpaceX's Crew Dragon capsule for an eight-day stay on the station.

..."

Week 18/18

[Day 65, week 18]Grammar: Essay Writing -Continue working on yourConclusionMath:[parabolas] and the[axis of symmetry]Science:[reading]
***Action Items* in support of literacy and hope that you can take right now:**
1.) Search for two different sites about parabolas

2.) Please tell us where the information for today's reading comes from, how you know that the sources are reliable, and who funded them,
3.) Feel free to answer the exit ticket questions in the comments, or pose any other questions you may have about the lesson, if you wish.
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January, 2021 CE = January12021 HE
(Day 64 ...Day 66)

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Day 66/67 of GED in Five Months, Pandas, and healthy populations - 2021-02-05 18:36

The common good, or the general welfare, requires every Adult to understand the basics of statistics, as part of on-going self education (aka Adulting Education), to help our society become more fully inclusive for all of us.

To apply the concepts of mean, median and mode, as a review topic while those readers who may be using this series of posts begin final preparations for taking the 5 subject exams (or those subject exams which they have not yet taken, since the HiSET allows each of the subject tests to be taken at different times, which was most recommended when I taught Adult Education), we look at a fun topic: Pandas!

Since averages and populations always run toward health statistics, please take a spare moment, when you have time, to look up some health statistics in your area, if you will.

Today's reading discusses populations, median vs. mean (aka average), and Pandas…

" Let's look at the population. To calculate the mean we should add all countries' population values to each other and then divide this sum by the number of countries in our dataset. Fortunately, Pandas can do it for us. …"

Week 18/18

Day 66 lesson planGrammar: run on sentencesMath: Averages (Mean, Median and Mode)Science: see the reading above and theAction Item

***Action Items*:**

1.) Who was this article written by, and for what audience, and how do we know that the author's facts are correct?

2.) Please tell us where the information for today's reading comes from, how you know that the sources are reliable, and who funded the initial (or first-hand source) data,

3.) Feel free to answer the exit ticket questions in the comments, or pose any other questions you may have about the lesson, if you wish.

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February, 2021 CE = February12021 HE
(Day 65 ...Day 67)
***Stayed on Freedom's Call*(free:https://archive.org/details/StayedOnF...includes two 'imagination-rich' walking tours, with songs, of Washington, DC. New interviews and research are woven into stories of old struggles shared by both the Jewish and African-American communities in the capital city.**
Shared histories are explored from a new perspective of cultural parallels and parallel institution-building which brought the two communities together culturally and historically.
Free copies are available athttps://archive.org/details/StayedOnF...

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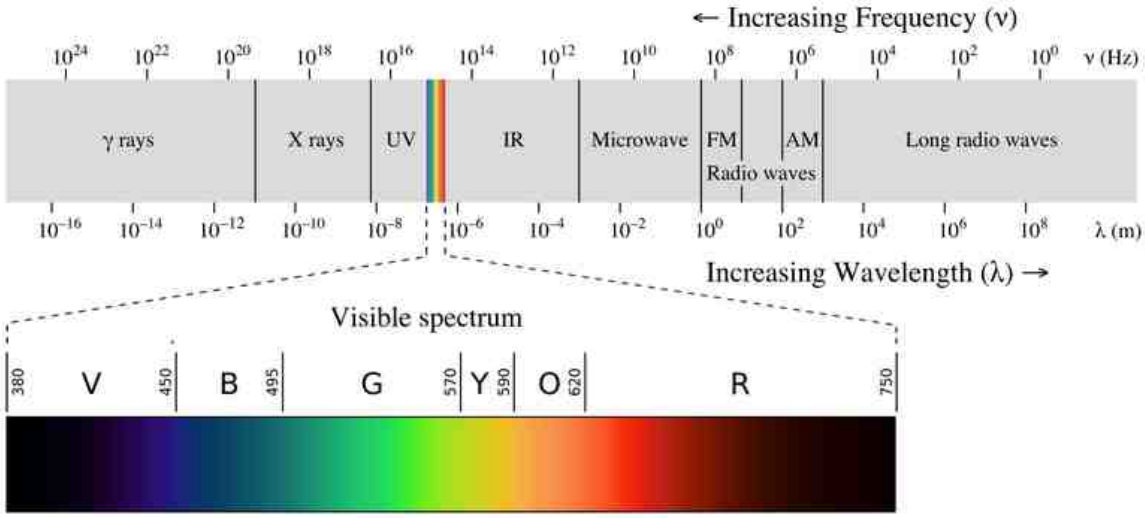
Day 67/67 of GED in Five Months, language learning, and Adulting - 2021-02-05 18:36



To take full part in modern society in a meaningful and useful way, every Adult must understand the meaning of a given word in the context under discussion. The word*range,* for instance, can refer to mountains, a list of numbers, or to a set of frequencies, among other things. The fact that the same word can have different meanings, even though sometimes subtly different, makes the learning of mathematical and scientific language crucial to the shared decision-making that every adult citizen in a republic agrees to take part in, and thus to continue the responsibility to keep learning, as part of responsible Adulting.

Today's[reading]() uses the mathematical meaning of*range* to define large and small distances. (Vice versa, actually):

> ***"Visible light has a wavelength range from ~400 nm to ~700 nm. Violet light has a wavelength of ... Visible light makes up just a small part of the full electromagnetic spectrum. Electromagnetic waves with***

shorter wavelengths and higher frequencies include ultraviolet light, X-rays, and

..."

Week 18/18

Day 67 lesson planGrammar: Concluding sentencesMath: RangeScience:reading

***Action Items*:**

1.) How have you used this set of posts, if you follow this blog regularly?

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3.) Feel free to answer the exit ticket questions in the comments, or pose any other questions you may have about the lesson, if you wish.

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(Day 66 ...Day 1)

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